

IN THE CLAIMS:

Please amend the claims as shown below.

1. (Previously Presented) A communication control method for controlling communication between a first wireless communication apparatus and a second wireless communication apparatus, the first wireless communication apparatus being configured to communicate wirelessly in a first communication mode in which communication is performed via a base station and a second communication mode in which communication is performed with the second wireless communication apparatus directly, and the second wireless communication apparatus being configured to communicate wirelessly in the second communication mode, the method comprising:

a connecting step of establishing a connection between the first wireless communication apparatus and the second wireless communication apparatus in the second communication mode in response to a search signal from the second wireless communication apparatus received by the first wireless communication apparatus during communication by the first wireless communication apparatus in the first communication mode, the signal giving notification of the existence of the second wireless communication apparatus;

a determining step of determining, by one of the first or second wireless communication apparatus, whether the other of the first or second wireless communication apparatus possesses a desired function through the connection in the second communication mode established in the connecting step;

a data communicating step of communicating data between the second wireless communication apparatus and the first wireless communication apparatus in the second communication mode when it is determined that the other of the first or second wireless communication apparatus possesses the desired function at the determining step; and

a switching step of switching, by the first wireless communication apparatus, the communication mode of the first wireless communication apparatus to the first communication mode when it is determined that the other of the first or second wireless communication apparatus does not possess the desired function.

2. (Currently Amended) A first wireless communication apparatus configured to communicate with a second wireless communication apparatus in a first communication mode in which communication is performed via a base station and a second communication mode in which communication is performed with the second wireless communication apparatus directly, the first wireless communication apparatus comprising:

receiving means for receiving a signal from the second wireless communication apparatus giving notification of the existence of the second wireless communication apparatus, during communication in the first communication mode;

connecting means for making a connection to the second wireless communication apparatus in the second communication mode based upon information contained in the signal received by the receiving means;

determining means for determining that whether a predetermined function is executable in the second wireless communication apparatus through the connection in the second communication mode with the second wireless communication apparatus made by the connecting means;

data receiving means for receiving data, which is transmitted in the second communication mode when it is determined by the determining means that the predetermined function is executable in the second wireless communication apparatus; and

switching means for switching the communication mode of the first wireless communication apparatus to the first communication mode when it is determined by the determining means that the predetermined function is not executable in the second wireless communication apparatus.

3. (Previously Presented) The apparatus according to claim 2, further comprising printing means for printing an image based upon the data that has been received by the data receiving means,

wherein the determining means determines whether or not a function for implementing a protocol of printing is executable.

4. (Previously Presented) The apparatus according to claim 2, wherein the connecting means makes a connection to the second wireless communication apparatus in the second communication mode when the signal received by the receiving means contains an indication of communicating in the second communication mode.

5. (Previously Presented) The apparatus according to claim 4, wherein the connecting means terminates communication in the first communication mode and makes a connection to the second wireless communication apparatus in the second communication mode.

6. (Previously Presented) The apparatus according to claim 2, wherein the connecting means makes a connection to the wireless communication apparatus based upon a network identifier contained in the signal received by the receiving means.

7. (Currently Amended) A second wireless communication apparatus configured to wirelessly communicate with a first wireless communication apparatus which is configured to communicate in a first communication mode in which communication is performed via a base station and a second communication mode in which communication is performed directly between the ~~first and the second~~ wireless communication apparatuses, the second wireless communication apparatus comprising:

transmitting means for transmitting a signal which includes information indicating that the second wireless communication apparatus is communicating in the second communication mode, to the first wireless communication apparatus that is communicating in the first communication mode;

determining means for determining that whether a predetermined function is executable in the first wireless communication apparatus through a connection in the

second communication mode to the first wireless communication apparatus which has been made in response to the signal;

data transmitting means for transmitting data to the first wireless communication apparatus when it is determined by the determining means that the predetermined function is executable in the first wireless communication apparatus; and

re-transmitting means for re-transmitting the signal which includes information indicative of communicating in the second communication mode for connecting with a third wireless communication apparatus other than the first wireless communication apparatus when it is determined by the determining means that the predetermined function is not executable in the first wireless communication apparatus.

8. (Previously Presented) The apparatus according to claim 7, further comprising picture taking means for taking a picture optically as an image data;

wherein the data transmitting means transmits the image data obtained by the picture taking means.

9. (Previously Presented) The apparatus according to claim 7, further comprising display means for displaying information for identifying a wireless communication apparatus, which has been determined to possess the predetermined function, in accordance with the determination made by the determination means;

wherein the connection in the second communication mode is made to the wireless communication apparatus, which is identified by information selected by a user,

based upon the display presented by the display means, and the data is transmitted by the data transmitting means.